



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/060,255

DATE: 04/24/2002

TIME: 14:29:43

Input Set : N:\Crf3\RULE60\10060255.raw
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2 <110> APPLICANT: Rosen et al.
 4 <120> TITLE OF INVENTION: 25 Human secreted proteins
 6 <13> FILE REFERENCE: PZ042P1
 8 <140> CURRENT APPLICATION NUMBER: 10/060,255
 9 <141> CURRENT FILING DATE: 2002-02-01
 11 <150> PRIOR APPLICATION NUMBER: 09/781,417
 12 <151> PRIOR FILING DATE: 2001-02-13
 14 <150> PRIOR APPLICATION NUMBER: PCT/US00/22325
 15 <151> PRIOR FILING DATE: 2000-08-16
 17 <150> PRIOR APPLICATION NUMBER: 60/149,182
 18 <151> PRIOR FILING DATE: 1999-08-17
 20 <160> NUMBER OF SEQ ID NOS: 86
 22 <170> SOFTWARE: PatentIn Ver. 2.0
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 733
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Homo sapiens
 30 <400> SEQUENCE: 1

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33 tctcccgga ccttgaggtc acatgcgtgg tgggtggacgt aagccacgaa gacctgagg	180
34 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg	240
35 aggagcagta caacagcacg taccggtgtg tcagcgtcct caccgtcctg caccaggact	300
36 ggcgtgaatgg caaggagtac aagtgcgaagg tctccaacaa agccctccca acccccatcg	360
37 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc	420
38 catcccgagg tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct	480
39 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga	540
40 ccagcctcc cgtgctggac tccgaaggct ccttcttct ctacagcaag ctcaccgtgg	600
41 acagagcag gtggcagcag gggaaacgtt tctcatgtc cgtgatgat gaggctctgc	660
42 acacccacta cagcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc	720
43 gactctajag gat	733

46 <210> SEQ ID NO: 2

47 <211> LENGTH: 5

48 <212> TYPE: PRT

49 <213> ORGANISM: Homo sapiens

51 <220> FEATURE:

52 <221> NAME/KEY: Site

53 <222> LOCATION: (3)

54 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids

56 <400> SEQUENCE: 2

W--> 57 Trp Ser Xaa Trp Ser

58 1 5

60 <210> SEQ ID NO: 3

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61 <211> LENGTH: 86
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63 <213> ORGANISM: Artificial Sequence
65 <214> FEATURE:
66 <221> NAME/KEY: Primer_Bind
67 <223> OTHER INFORMATION: Synthetic sequence with 4 tandem copies of the GAS binding
site found in
68 the IRF1 promoter (Rothman et al., Immunity 1:457-468 (1994)), 18 nucleotides
69 complementary to the SV40 early promoter, and a Xho I restriction site.
71 <400> SEQUENCE: 3 60
72 ggcgcctcagc atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc 86
73 ggcgaatat ctgcctatct aattag
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77 <211> LENGTH: 27
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79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <221> NAME/KEY: Primer_Bind
83 <223> OTHER INFORMATION: Synthetic sequence complementary to the SV40 promoter;
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84 restriction site.
86 <400> SEQUENCE: 4 27
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91 <211> LENGTH: 271
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93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <221> NAME/KEY: Protein_Bind
97 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes GAS
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102 aaatatctgc catctcaatt agtcagcaac catagtcccc cccctaactc cgcccatccc 180
103 gcccctaact ccgcctagtt ccgcccattc tccgccccat ggctgactaa ttttttttat 240
104 ttatgcagag gccgaggccg cctcgccctc tgagctattc cagaagtagt gaggaaggctt 271
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107 <210> SEQ ID NO: 6
108 <211> LENGTH: 32
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <221> NAME/KEY: Primer_Bind
114 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGF-1
promoter sequence
115 (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a Xho I restriction
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117 <400> SEQUENCE: 6 32
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122 <211> LENGTH: 31
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124 <213> ORGANISM: Artificial Sequence

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126 <20> FEATURE:
W--> 127 <221> NAME/KEY: Primer-Bind
128 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1 promoter sequence
129 (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a Hind III restriction
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132 <400> SEQUENCE: 7 31
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136 <210> SEQ ID NO: 8
137 <211> LENGTH: 12
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139 <213> ORGANISM: Homo sapiens
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148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <221> NAME/KEY: Primer_Bind
152 <223> OTHER INFORMATION: Synthetic primer with 4 tandem copies of the NF-KB binding
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153 (GGGGACTTCCCC), 18 nucleotides complementary to the 5' end of the SV40 early
154 promoter sequence, and a XhoI restriction site.
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157 gcagcctcga ggggaacttc ccggggactt tccggggact tccggggact ttccatcctg 73
158 ccattctcaat tag
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163 <212> TYPE: DNA
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166 <220> FEATURE:
167 <221> NAME/KEY: Protein_Bind
168 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes
NF-KB binding
169 sites.
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173 caattatgca gcaaccatag tcccgcctt aactccgcc atcccgcctt taactccgcc 180
174 cagttccgcc catttccgc ccatggctg actaattttt tttatttatg cagagccga 240
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187 caatggctat gaaggcattg tcgttgcaat cgacccaat gtgcagaga atgaaacact 240
188 cattcaacaa ataaaggaca tggtagccca ggcattctctg tatctgtttg aagctacagg 300
189 aaaggattt tatttcaaaa atgttgccat tttgattcct gaaacatgga agacaaaggc

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190 tgaatatgtg agaccacaaac ttgagaccta caaaaatgct gatgtttctg ttgctgaqtc 360
191 tactcccca ggtaatgatg aacctacac tgagcagatg gccaactgtg gagagaagg 420
192 tgaagagatc cactcactc ctgatttcat tgcaggaaaa aagttagctg aatatggac 480
193 acaaggtagt gcatttgtcc atgagtgggc tcctctacga tggggagtat ttgacgagta 540
194 caataa:gat gagaaattct acttatccaa tggagaataa caagcagtaa gatgttcagc 600
195 aggtattact ggtacaaatg tagtaaagaa gtgtcaggga ggcagctgtt acacacaaag 660
196 atgcacatcc aataaagtaa caggactcta tgaaaaagga tgtgagtttg ttctccaatc 720
197 ccgccagagc gagaaggctt ctataatgtt tgcacaacat gttgattcta tagttgaatt 780
198 ctgtacagaa caaaaccaca acaaagaagc tccaaacaag caaaatcaaa aatgcaatct 840
199 ccgaagcaca tgggaagtga tccgtgatcc tgaggacttt aagaaaacca ctccatqac 900
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203 tgacagtgct gcccatgtac aaagtgaact catacagata aacagtggca gtgacagga 1140
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209 tgatgctttt ggggcccttt catcaggaaa tggagctgtc tctcagcgtc coactcagct 1500
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217 gattgaatca gtgaatggaa aaacagttac cttggaacta ctggataatg gagcaggtgc 1980
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228 ggctcatctg aaatcagaaa tatccaacat tgcacgagta tctttgttta ttctccaca 2640
229 gactcggcca gagacaccta gtctgatga aacgtctgct ccttgtctta atattcatat 2700
230 caacagcacc attcctggca ttcacatttt aaaaattatg tgggaagtga taggagaact 2760
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236 <211> LENGTH: 1315
237 <212> TYPE: DNA
238 <213> ORGANISM: Homo sapiens
240 <400> SEQUENCE: 12
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242 gtggetgctc ctgtgggctg cggcctgggc gcagcagcag caggacttct acgaattcaa 120
243 ggcgggtcaac atccggggga aactgggtgt cctggagaaq taccggggat cgggttccct 180
244 ggttgtgaat gtggccagcg agtggcgctt cacagaccag cactaccgag cccctgcagca 240
245 gctgcagcga gacctgggac cccaccactt caacgtgttc gcttccctt gcaaccagtl 300
246 tggcacaacg gagcctgaca gcaacaagga gattgagagc tttgcccgcg gcacctacag 360
247 tgtctcattc cccatgttta gcaagattgc agtcaccggt actggtgccc atcctgcctt 420
248 caagtacctg gccacagact ctgggaagga gccacctgg aacttctgga agtacctagt 480
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250 accccagatc acagcgctcg tgaggaaagt cctcctactg aagcgagaag acttataacc 600
251 accgggtctc ctctccacc acctcctccc gccacctgt gtgggctga ccaatgcaaa 660
252 ctcaaatggt gcttcaaagg gagagacca ctgaactctc ttcctttact cttatgccat 720
253 tgggtcccat attcttgttg gggaaaaatt ctagtatttt gattatttga atcttacagc 780
254 aacaaatagg aactcctggc caatgagagc tcttgaccag tgaatcacca gcgatacga 840
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256 aaggttctg taaactggga ccaatgatta cctcataggg ctgttctgag gattaggatg 960
257 aaatacctgt gaaagtccct aggcagtgc agccaaatag gaggcattca atgaacattt 1020
258 tttgcacata aaccaaaaaa taacttgta tcaataaaaa cttgcattca acatgaattt 1080
259 ccagccgatg ataatccagg ccaaaggttt agttgttgtt atttctctg tattattttc 1140
260 ttcattacaa aagaaatgca agttcattgt aacaatccaa acaatacctc acgatataaa 1200
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266 <211> LENGTH: 1699
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268 <213> ORGANISM: Homo sapiens
270 <400> SEQUENCE: 13
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273 cccgtggagtg ctacagctgc gtgcagaaag cagatgacgg atgtcccccg aacaagatga 180
274 agacagtga gtgcgcgcgc ggcgtggacg tctgcaccga ggcgtgggg gcggtggaga 240
275 ccatccacgg acaattctcg ctggcagtgc ggggttgcg ttcgggactc cccggcaaga 300
276 atgaccgcgg cctggatctt caggggttct tggcgttcat ccagctgcag caatgcgctc 360
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282 cgtcagtgg ctcctgttgc caggggtccc gctgtaactc tgacctcgc aacaagacct 720
283 acttctcccc tcgaatccca ccccttgctc ggtgcccccc tccagagccc acgactgtgg 780
284 cttcaaccac atctgtcacc acttctacct cggccccagt gagaccaca tccaccacca 840
285 aaccacatgc agcgcacaac agtcagaact cgagacaggg agtagaacac gaggcctccc 900
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292 ctgcccaggg tgttctagct ttttgaggac agctcctgta tctttctcat ccttgtctct 1320
293 ccgcttgtcc tcttgtgat ttaggacaga gtgagagaag tcagctgtca cggggaaggt 1380

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/060,255

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 3
Seq#:28; N Pos. 2198,2199
Seq#:37; N Pos. 1020,1022,1029,1177,1430,1500,1967
Seq#:40; N Pos. 502
Seq#:71; Xaa Pos. 138
Seq#:72; Xaa Pos. 28

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:4; Line(s) 83
Seq#:6; Line(s) 115

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/060,255

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L:127 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:862 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:2160
L:1240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:960
L:1241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:1020
L:1243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:1140
L:1247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:1380
L:1248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:1440
L:1256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:1920
L:1331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:480
L:2567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:128
L:2588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:16